

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	36082	dai.inv. or ober.inv. or wang.inv. or cerrina.inv. or nealey.inv. or (wisconsin\$1madison).as. or (cornell adj research).as. or (wisconsin adj alumni adj research).as. or (wisconsin with madison with university).as.	US-PGPUB; USPAT	OR	OFF	2006/10/26 14:05
L2	674	1 and ((polymer or resin) with (silicon or boron\$13))	US-PGPUB; USPAT	OR	OFF	2006/10/26 13:09
L3	42	2 and isoprene	US-PGPUB; USPAT	OR	OFF	2006/10/26 13:10
L4	1	3 and (dimethyphenylvinylsilane or trimethylsilylstyrene)	US-PGPUB; USPAT	OR	OFF	2006/10/26 13:10
L5	1	1 and (trimethylsilylstyrene or pentamethyldisilylstyrene)	US-PGPUB; USPAT	OR	OFF	2006/10/26 14:08
L6	3	1 and (dimesitylborane)	US-PGPUB; USPAT	OR	OFF	2006/10/26 14:11
L7	23	1 and (dimesitylborane or carborane)	US-PGPUB; USPAT	OR	OFF	2006/10/26 14:12

Inventor Search

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(((\$5dimethylphenylvinylsilane or (\$5dimethylphenylvinyl adj silane)) with \$5isoprene).clm.	US-PGPUB	OR	OFF	2006/10/26 19:46
L2	1	(((\$5trimethylsilylstyrene or (\$5trimethylsilyl adj styrene)) with \$5isoprene).clm.	US-PGPUB	OR	OFF	2006/10/26 19:47
L3	1	(((\$5resist or \$5sensitive) with composition).clm. and ((polymer or resin) with boron).clm. and (carborane or dimesitylborane or (dimesityl adj borane)).clm.	US-PGPUB	OR	OFF	2006/10/26 19:49
L4	1	((hydroboration or esterification) with (polymer or resin) with (dimesitylborane or (dimesityl adj borane) or carbornae)).clm.	US-PGPUB	OR	OFF	2006/10/26 19:50

*Interference Search*

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	(bis\$9trimethylphenyl with borane) or dimesitylborane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:11
L2	4	"6482566".pn. or "6492259".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:10
L3	0	(carborane with carboxylic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:10
L4	1	"20040241574".pn. and (carborane adj carboxylic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:20
L5	1515	carborane or dicarbadodecaborane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:21
L6	439	5 with (\$2polymer\$1 or resin\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:21
L7	42	6 and (boron with (content or amount))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:29

## EAST Search History

L8	45	6 and (boron with (content or amount or percent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 15:29
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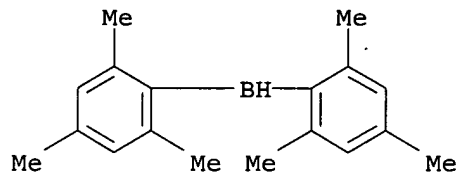
## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	217	(dimesitylborane or carborane) and \$isoprene	US-PGPUB; USPAT	OR	OFF	2006/10/26 19:13
L2	217	1 and (polymer or resin)	US-PGPUB; USPAT	OR	OFF	2006/10/26 19:13
L3	206	2 and styrene	US-PGPUB; USPAT	OR	OFF	2006/10/26 19:13
L4	8884	(polymer or resin) with (boron or dimesitylborane or carborane)	US-PGPUB; USPAT	OR	OFF	2006/10/26 19:14
L5	29	3 and 4	US-PGPUB; USPAT	OR	OFF	2006/10/26 19:14
L6	13	5 and (styrene with isoprene)	US-PGPUB; USPAT	OR	OFF	2006/10/26 19:33
L7	1	((dimesitylborane or carborane) with (polymer or resin)) and (styrene with isoprene)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 19:35
L8	0	(dimesitylborane or carborane) and ((polymer or resin) with boron) and (styrene with isoprene)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 19:37
L9	0	(dimethyphenylvinylsilane with isoprene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 19:38
L10	0	\$5dimethyphenylvinylsilane with isoprene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 19:38
L11	1	\$5dimethylphenylvinylsilane with \$5isoprene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 19:39

## EAST Search History

L12	7	\$5trimethylsilylstyrene with \$5isoprene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 19:39
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L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 51458-06-1 REGISTRY  
 CN Borane, bis(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Bis(2,4,6-trimethylphenyl)borane  
 CN Dimesitylborane  
 MF C18 H23 B  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,  
 CSCHM, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 DT.CA Caplus document type: Journal; Patent  
 RL.P Roles from patents: RACT (Reactant or reagent)  
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);  
 RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: FORM (Formation, nonpreparative); PREP  
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: PREP  
 (Preparation); PRP (Properties); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

19 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 12402-95-8 REGISTRY  
CN Dicarbadodecaborane(12) (8CI, 9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,?-Dicarbadodecaborane(12) (7CI)  
OTHER NAMES:  
CN Carborane  
CN Dicarbadodecaborane  
DR 39349-76-3  
MF C2 H12 B10  
CI MAN  
LC STN Files: AGRICOLA, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CIN, EMBASE,  
IFICDB, IFIPAT, IFIUDB, IPA, PIRA, PROMT, RTECS\*, TOXCENTER, USPAT2,  
USPATFULL  
(\*File contains numerically searchable property data)  
DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC  
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
study); BIOL (Biological study); PREP (Preparation); PROC (Process);  
RACT (Reactant or reagent); USES (Uses)  
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
(Reactant or reagent); USES (Uses); NORL (No role in record)  
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
(Properties); RACT (Reactant or reagent); USES (Uses)  
  
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
114 REFERENCES IN FILE CA (1907 TO DATE)  
45 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
114 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)